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- PATENT -

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Victor Vega, et al.

EXAMINER: Trinh, Sonny

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ENTITLED:

AUTOMATIC GAIN CONTROL WITH DIGITAL FILTERING FOR

RADIO-FREQUENCY COMMUNICATIONS SYSTEMS

Motorola, Inc. Corporate Offices 1303 E. Algonquin Road Schaumburg, IL 60196 July 21, 2004

RESPONSE UNDER 37 C.F.R. § 1.111

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on July 21, 2004

Motorola, Inc. 721/04

Name of applicant, assignee, or Registered Representative

Rowman S. Radbhan

Signature

Assistant Commissioner of Patents Washington, D.C. 20231

Commissioner:

In response to an Office Action dated February 12, 2004 (paper no. 4), the applicants hereby respectfully submit the following response.